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RFX5 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14004c

Specification

RFX5 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P48382
Other Accession	NP_001020774.1, NP_000440.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**65323**
Antigen Region	**237-266**

RFX5 Antibody (Center) - Additional Information

Gene ID 5993

Other Names
DNA-binding protein RFX5, Regulatory factor X 5, RFX5

Target/Specificity
This RFX5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 237-266 amino acids from the Central region of human RFX5.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
RFX5 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RFX5 Antibody (Center) - Protein Information

Name RFX5

Function Activates transcription from class II MHC promoters. Recognizes X-boxes. Mediates cooperative binding between RFX and NF-Y. RFX binds the X1 box of MHC-II promoters.

Cellular Location
Nucleus.

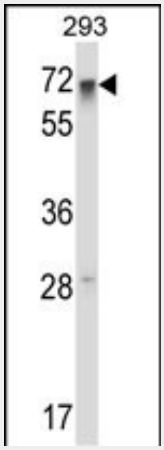
Tissue Location
Ubiquitous.

RFX5 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RFX5 Antibody (Center) - Images



RFX5 Antibody (Center) (Cat. #AP14004c) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the RFX5 antibody detected the RFX5 protein (arrow).

RFX5 Antibody (Center) - Background

A lack of MHC-II expression results in a severe immunodeficiency syndrome called MHC-II deficiency, or the bare lymphocyte syndrome (BLS; MIM 209920). At least 4 complementation groups have been identified in B-cell lines established from patients with BLS. The molecular defects in complementation groups B, C, and D all lead to a deficiency in RFX, a nuclear protein complex that binds to the X box of MHC-II promoters. The lack of RFX binding activity in complementation group C results from mutations in the RFX5 gene encoding the 75-kD subunit of RFX (Steimle et al., 1995). RFX5 is the fifth member of the growing family of DNA-binding proteins sharing a novel and highly characteristic DNA-binding domain called the RFX motif. Multiple alternatively spliced transcript variants have been found but the full-length natures of only two have been determined. [provided by

RefSeq].

RFX5 Antibody (Center) - References

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Ennis, S., et al. Lancet 372(9652):1828-1834(2008)
Xu, Y., et al. J. Biol. Chem. 282(36):26046-26056(2007)